Applicants: Kornman et al. U.S.S.N.: 09/693,555

In the Claims:

1. (Currently Amended) A method for determining whether a <u>female</u> subject is predisposed to having an adverse pregnancy outcome a low birth weight baby, said method comprising the steps of:

- a) obtaining providing a nucleic acid sample from the subject; and
- b) detecting an IL-1A (+4845) allele 2 or an IL-1B (-511) allele 2 or an allele of the 33221461 haplotype in linkage disequilibrium with an IL-1A (+4845) allele 2 or an allele of the 44112332 haplotype in linkage disequilibrium with an IL-1B (-511) allele in a sample, wherein detection of said allele indicates that the subject is predisposed to an adverse pregnancy outcome having a low birth weight baby.

2. (Cancelled)

- 3. (Currently Amended) The method of claim 1, wherein said detecting step is selected from the group consisting of allele specific oligonucleotide hybridization; size analysis; sequencing; hybridization; 5' nuclease digestion; single-stranded conformation polymorphism; allele specific hybridization; primer specific extension; and oligonucleotide ligation assay.
- 4. (Currently Amended) The method of claim 1, wherein prior to the detection detecting step, the nucleic acid sample is subject to an amplification step.
- 5. (Cancelled)
- 6. (Currently Amended) The method of claim 3, wherein said size analysis is preceded by a restriction enzyme digestion with a restriction enzyme.

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7.	(Currently Amended) A method of claim 6, wherein said restriction enzyme digestion
	$\underline{uses\ a\ restriction\ enzyme\ \underline{is}}$ selected from the group consisting of: Nco I, Alu I and Msp
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8.	(Cancelled)
9.	- 79. (Cancelled)
80.	(Cancelled)
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81.	(Cancelled)
82	(Cancelled)
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83.	(Cancelled)
84.	(Cancelled)
85	(New) The method of claim 1 wherein said subject is pregnant